**ABSTRACT**

The invention provides a simple method which enables precise diagnosis of wood decay at an early stage of decay and an agent used for the diagnosis method. The invention provides a method for diagnosing wood decay, wherein wood decay is judged by contacting extract of wood to be examined (test subject wood) with an antibody obtained by sensitizing an animal to an antigen which is a protein having a molecular weight of 1,000 to 100,000 obtained by culturing a naturally occurring wood-destroying fungus and an agent for the diagnosis method.

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